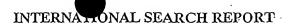
INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/12967

	SIFICATION OF SUBJECT MATTER .Cl ⁷ C12N15/12, C07K14/705, C1	2N5/10 C12D21/02 G01	M33/E0
	G01N33/15, A61K38/16, A61	P13/12//(C12N15/12, C1	N33/5U, 2R1:91),
15-0-1	(C12N5/10, C12R1:91), (C1	2P21/02, C12R1:91)	
	to International Patent Classification (IPC) or to both n	ational classification and IPC	····
	OS SEARCHED documentation searched (classification system followed		
Int.	Cl ⁷ C12N1/00-15/90, C07K14/00- G01N33/00-98, A61K31/00-4	-16/46, C12P21/00-08,	
Documenta	tion searched other than minimum documentation to the	e extent that such documents are include	ed in the fields searched
MEDI	data base consulted during the international search (nam LINE(STN), WPI(DIALOG), BIOSIS(ssProt/PIR/GeneSeq	ne of data base and, where practicable, so (DIALOG), GenBank/EMBL/	earch terms used) 'DDBJ/GeneSeq,
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap		Relevant to claim No.
X/Y	WO 97/20045 A2 (COR THERAPED 05 June, 1997 (05.06.97), & JP 2000-500658 A & EP & US 5871963 A & US	, ,	1,2/3-10,12
X/Y	WO 00/31258 A2 (ARENA PHARM 02 June, 2000 (02.06.00), & EP 1133559 A2	INC.),	1,2/3-10,12
X/Y	WO 01/98351 A2 (INCYTE GENOM 27 December, 2001 (27.12.01), & EP 1297130 A2	MICS INC.),	1-3,5/4, 6-10,12
X/Y	WO 00/22131 A2 (ARENA PHARM 20 February, 2000 (20.02.00), & JP 2003-525018 A & EP & US 2003/0018182 A1	INC.), , 1137776 A2	1-3,5/4, 6-10,12
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.	<u>-</u> L
* Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 11 November, 2003 (11.11.03)		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 02 December, 2003 (02.12.03)	
			(02.12.03)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	



International application No.
PCT/JP03/12967

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X/Y	WO 97/24929 A1 (HUMAN GENOME SCI. INC.), 17 July, 1997 (17.07.97), & JP 2000-505644 A & EP 955808 A1	1-3,5/4, 6-10,12
P,X/ P,Y	WO 02/97031 A2 (INCYTE GENOMICS INC.), 05 December, 2002 (05.12.02), (Family: none)	1,2/ 3-10,12
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International application No. PCT/JP03/12967

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. X Claims Nos.: 11			
because they relate to subject matter not required to be searched by this Authority, namely:			
The invention according to claim 11 pertains to a method of treating renal failure which falls within the category of methods for treatment of			
the human body by therapy.			
2. Claims Nos.:			
because they relate to parts of the international application that do not comply with the prescribed requirements to such an			
extent that no meaningful international search can be carried out, specifically:			
3. Claims Nos.:			
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:			
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment			
of any additional fee.			
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers			
only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is			
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:			
Remark on Protest			
No protest accompanied the payment of additional search fees.			